

## Lab 2 - Traceroute

### Lab 2: Traceroute from Router A to Router B

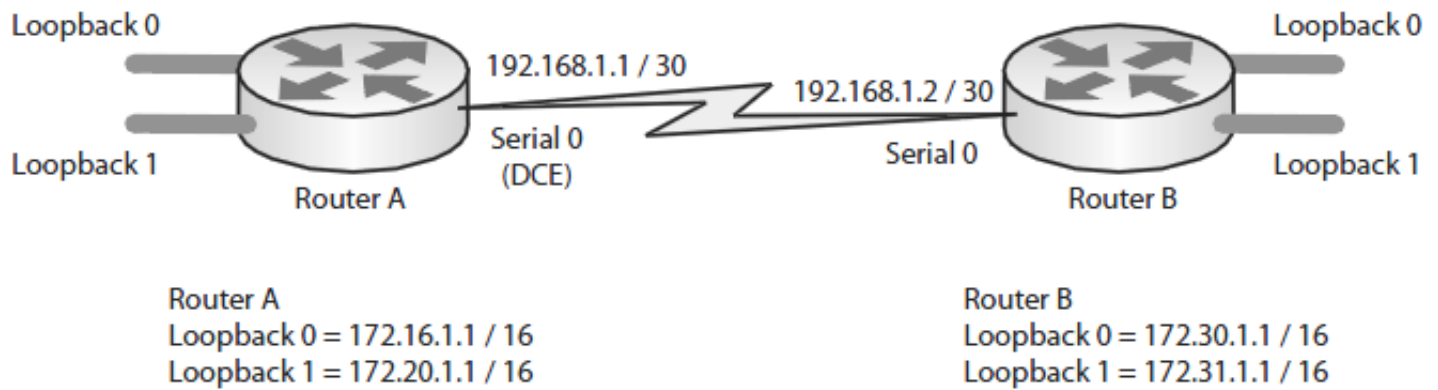


Figure 16–5: Performing a traceroute

### Lab exercise

Performing a traceroute to Router B.

Using the network from Figure 16–5, traceroute to one of the loopback interfaces on Router B.

This command will ideally be used from Router A to Router C in a three-router lab (see the back of the book).

### Purpose

The traceroute command is a very valuable part of your troubleshooting toolkit. Make sure you use the traceroute command on the three-router labs later in the book.

### Lab walk-through

From the privileged mode, type in the loopback address of Router B.

```
RouterA#traceroute 172.30.1.1
```

Type escape sequence to abort.

Tracing the route to 172.20.1.1

```
1 RouterA (192.168.1.2) 16 msec * 16 msec
```

```
RouterA#
```



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